



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/767,640	01/23/2001	Wim Sweldens	14	3436

22046 7590 07/19/2004

LUCENT TECHNOLOGIES INC.  
DOCKET ADMINISTRATOR  
101 CRAWFORDS CORNER ROAD - ROOM 3J-219  
HOLMDEL, NJ 07733

EXAMINER

MCCLELLAN, JAMES S

ART UNIT PAPER NUMBER

3627

DATE MAILED: 07/19/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/767,640

Applicant(s)

SWELDENS, WIM

Examiner

James S McClellan

Art Unit

3627

*Wim*

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 09 June 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-4, 7 and 8 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-4, 7 and 8 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- |   |   |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                        | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                                    |

## **DETAILED ACTION**

### ***Request for Continued Examination***

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on June 9, 2004 has been entered.

### ***Amendment***

2. Applicant's submittal of an amendment was entered on June 9, 2004, wherein:

- claims 1-4, 7, and 8 are pending;
- claims 5, 6, and 9-26 have been canceled; and
- claim 1 has been amended.

### ***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Art Unit: 3627

4. Claims 1-4, 7, and 8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Applicant's admitted prior art as set forth in Figure 1 (hereinafter "Admitted Prior Art") in view of U.S. Patent Publication No. 2002/0073013 A1 (Haddad)

The Admitted Prior Art discloses a method for distributing file content via one or more cache providers (30, 35, 40) across at least two separate geographic regions (see page 1, lines 15-16 of current application under "Art Background"), wherein content providers directly purchase cache resources from said cache providers. Additionally, the Admitted Prior Art discloses redirecting download requests that were initially directed to a content provider, such that the requests will be redirected to at least one contracted cache provider.

The Admitted Prior Art fails to disclose content providers purchasing cache from a third-party market entity allowing at two or more distinct cache providers to collectively provide for servicing of download requests, wherein a fee is charged by said cache providers based on a downloaded bandwidth.

Haddad teaches trading bandwidth in an open exchange, wherein allowing multiple cache providers to service the needs of content provider in multiple desired locations (see page 2, paragraph 017) in given blocks of time (see page 2, paragraph 0017).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the Admitted Prior Art with bandwidth exchange market as taught by Haddad, because an open exchange will provide lowest cost and best service benefits for the participants.

### ***Response to Arguments***

4. Applicant's arguments filed June 9, 2004 have been fully considered but they are not persuasive.

On page 5, first full paragraph, Applicant argues that Haddad's bandwidth trading is much simpler than the claimed invention because bandwidth is fungible, unlike cache. The Examiner respectfully disagrees. Like cache, bandwidth, is not fungible. As set forth in Haddad, bandwidth is traded from point to point in a given block of time. Therefore, the price of bandwidth depends on numerous factors including time and path (starting point to end point). Applicant's admitted prior art discloses that it is important for cache to be purchased in close proximity to the potential users (see page 1, lines 15-16). In conclusion, the combination of Applicant's admitted prior art and Haddad disclose all claimed limitations.

### ***Conclusion***

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jim McClellan whose telephone number is (703) 305-0212. The examiner can normally be reached on Monday-Friday from 9:30 to 6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert Olszewski, can be reached at (703) 308-5183.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-1113.

Any response to this action should be mailed to:

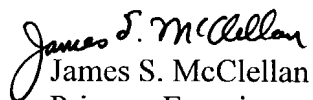
Art Unit: 3627

Commissioner of Patent and Trademarks  
Washington D.C. 20231

or faxed to:

(703) 872-9306 (Official communications) or  
(703) 746-3516 (Informal/Draft communications).

Hand delivered responses should be brought to Crystal Park 5, 2451 Crystal Drive,  
Arlington, VA, 7<sup>th</sup> floor receptionist.

  
James S. McClellan  
Primary Examiner  
A.U. 3627

jsm  
July 15, 2004